

FDR-2020-2021

Schedule XLV-Form No. 134

PMGSY Nawabganj-Simlapara Road
To Brindawan

Manikhan

DIVISION

Manikhan

SUB-DIVISION

MEASUREMENT BOOK

309

8/11/2020

Name of work—
 Situation of work—
 Agency by which work is executed—
 Date of measurement—
 No. and date of agreement.

1

(These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work—					
Agency—					
Year—					
Length—					
Item No. 1					
Providing and					
laying of Brick					
Bath - - -					
Calculation of Brick Bat					
2 No x 14.00 x $\frac{2.80+3.60}{2} \times \frac{0.10+0.1000}{2}$					44.835m ³
2 No x 26.00 x $\frac{1.60+2.20}{2} \times \frac{0.30+0.60}{2}$					23.465m ³
2 No x 7.00 x $\frac{1.60+2.20}{2} \times 0.85$					11.305m ³
2 No x 4.50 x $\frac{1.20+1.25}{2} \times$					
$\frac{1.60+1.70}{2} \times 2$					9.07m ³
2 No x 6.50 x $\frac{1.65+1.95}{2} \times$					
$\frac{0.20+0.250}{2} =$					2.693m ³
2 No x 14.50 x $\frac{1.50+3.60}{2} \times$					
$\frac{1.40+1.600}{2} \times$					55.463m ³
2 No x 30.00 x $\frac{2.75+3.00}{2} \times$					
$\frac{1.10+0.650}{2} =$					150.938m ³
2 No x 14.50 x $\frac{2.85+2.85}{2} \times$					
$\frac{0.50+1.000}{2} =$					29.363m ³
2 No x 12.00 x $\frac{1.60+1.70}{2} \times$					
$\frac{1.40+1.600}{2} =$					27.700m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 NO X 21.00 X		$\frac{1.50+2.50}{2}$	$\frac{1.60}{2}$		
		$\times \frac{1.40+1.60}{2}$			58.800m ³
2 NO X 16.50 X		$\frac{1.50+1.80}{2}$	$\frac{1.60+1.60}{2}$		89.822m ³
1 NO X 15.00 X		$\frac{1.50+1.55}{2}$	$\frac{1.40+1.60}{2}$		34.313m ³
1 NO X 7.50 X		$\frac{2.55+2.85}{2}$	$\times 0.80$		16.200m ³
1 NO X 9.15 X		$\frac{2.60+1.90}{2}$	$\times 0.80$		16.470
1 NO X 11.30 X		$\frac{1.20+1.30}{2}$	$\frac{1.00+1.10}{2}$		14.831m ³
1 NO X 17.20 X		$\frac{1.20+1.40}{2}$	$\frac{1.00+1.05}{2}$		22.919m ³
1 NO X 16.00 X		$\frac{2.60+2.40}{2}$	$\times 0.80$		32.000m ³
1 NO X 8.10 X		$\frac{2.65+2.90}{2}$	$\times 0.80$		17.382m ³
1 NO X 7.00 X		$\frac{1.20+1.30}{2}$	$\frac{1.20+1.30}{2}$		10.982m ³
1 NO X 6.00 X		$\frac{1.10+1.30}{2}$	$\frac{1.20+1.40}{2}$		9.360m ³
2 NO X 10.50 X		$\frac{2.85+2.70}{2}$	$\frac{2.55+2.90}{2}$		49.400m ³
1 NO X 12.00 X		$\frac{1.20+1.40}{2}$	$\frac{1.20+1.30}{2}$		19.500m ³
1 NO X 16.40 X		$\frac{1.65+2.95}{2}$			
		$\times \frac{0.15+0.40}{2}$			10.373m ³
1 NO X 14.40 X		$\frac{2.80+3.20}{2}$	$\frac{1.40+1.40}{2}$		59.508m ³
2 NO X 30.00 X		$\frac{3.00+2.95}{2}$	$\frac{1.43+0.60}{2}$		181.178m ³
1 NO X 4.10 X		$\frac{1.25+1.55}{2}$	$\frac{1.70+1.85}{2}$		10.189m ³
2 NO X 6.20 X		$\frac{1.55+1.80}{2}$	$\frac{1.60+1.60}{2}$		33.751
1 NO X 14.50 X		$\frac{1.00+1.10}{2}$	$\frac{1.40+1.60}{2}$		22.838m ³
1 NO X 30.00 X		$\frac{2.65+2.82}{2}$	$\frac{0.65+1.00}{2}$		67.691m ³
1 NO X 30.00 X		$\frac{2.30+2.55}{2}$	$\frac{1.15+1.50}{2}$		106.313m ³
1 NO X 3.10 X		$\frac{2.13+1.55}{2}$	$\frac{0.95+1.20}{2}$		7.159m ³
1 NO X 11.50 X		$\frac{1.20+1.40}{2}$	$\frac{1.40+1.60}{2}$		22.425m ³
1 NO X 15.80 X		$\frac{2.85+3.30}{2}$	$\frac{0.80+0.90}{2}$		15.790m ³
1 NO X 25.30 X		$\frac{1.20+1.30}{2}$	$\frac{1.40+1.60}{2}$		47.438m ³
2 NO X 15.10 X		$\frac{2.65+2.55}{2}$	$\frac{0.65+0.60}{2}$		51.038m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 NO X 20.40 X		$\frac{1.30+1.40}{2}$			
		$\times \frac{1.40+1.60}{2}$			41.31 m^3
1 NO X 24.60 X		$\frac{1.20+1.30}{2}$			
		$\times \frac{1.40+1.60}{2}$			46.12 m^3
1 NO X 28.20 X		$\frac{2.80+3.10}{2}$			
		$\times \frac{1.43+0.60}{2}$			80.14 m^3
1 NO X 6.10 X		$\frac{3.00+2.7}{2}$			
		$\times \frac{2.20+1.95}{2}$			36.39 m^3
				Total	$16.18.99 \text{ m}^3$
<u>Deduction</u>					
2 NO X 32.30 X		$\frac{1.00+0.95}{2}$			
		$\times \frac{0.70+0.60}{2}$			40.94 m^3
2 NO X 22.00 X		$\frac{1.20+1.00+1.10}{3}$			
		$\times \frac{0.80+0.75}{2}$			18.76 m^3
2 NO X 9.10 X		$\frac{0.80+0.70}{2}$			
		$\times \frac{0.25+0.30}{2}$			3.75 m^3
2 NO X 16.50 X		$\frac{1.10+0.75}{2}$			
		$\times \frac{0.80+0.70}{2}$			22.89 m^3
1 NO X 9.15 X		$\frac{1.00+0.95}{2}$			
		$\times 0.40$			3.57 m^3
1 NO X 11.30 X		$\frac{0.85+0.20}{2}$			
		$\times 0.40$			2.67 m^3
1 NO X 17.20 X		$\frac{1.00+0.95}{2}$			
		$\times \frac{0.70+0.50}{2}$			10.06 m^3
1 NO X 15.80 X		$\frac{1.00+1.10}{2}$			
		$\times \frac{0.15+0.12}{2}$			2.24 m^3
1 NO X 25.30 X		$\frac{1.00+0.95}{2}$			
		$\times \frac{0.50+0.40}{2}$			11.10 m^3
2 NO X 15.10 X		$\frac{1.00+0.95}{2}$			

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$\times \frac{0.60 + 0.70}{2}$			
1 No x 20.40 x		$\frac{1.00 + 1.60}{2}$			
		$\times \frac{0.80 + 0.60}{2}$			11.42 m ³
2 No x 30.00 x		$\frac{1.10 + 1.00}{2}$			
		$\times \frac{0.75 + 0.60}{2}$			48.83 m ³
1 No x 24.60 x		$\frac{1.20 + 1.30}{2}$			
		$\times \frac{0.60 + 0.80}{2}$			16.31 m ³
1 No x 28.20 x		$\frac{1.20 + 1.30}{2}$			
		$\times \frac{1.10 + 0.95}{2}$			32.61 m ³
1 No x 6.10 x		$\frac{1.00 + 1.10}{2}$			
		$\times \frac{0.75 + 0.60}{2}$			3.68 m ³
1 No x 30.00 x		$\frac{1.00 + 1.00}{2}$			
		$\times \frac{0.75 + 0.55}{2}$			19.50 m ³
1 No x 30.00 x		$\frac{1.00 + 1.00}{2}$			
		$\times \frac{0.90 + 0.50}{2}$			22.05 m ³
1 No x 16.40 x		$\frac{0.65 + 0.70}{2}$			
		$\times \frac{0.15 + 0.20}{2}$			1.94 m ³
		Total =			292.06 m ³
<u>Plan No 2 - Supplying</u>					
of empty cement					
bag - - - E/I					
<u>Calculation of brick</u>					
<u>Bat - - - E/I</u>					
2 No x 11.30 x 1.20 x			0.195		12.882 m ³
1 No x 25.50 x 1.10 x			0.50		14.025 m ³
1 No x 14.00 x 1.00 x			0.50		7.250 m ³
1 No x 30.00 x 0.65 x			0.45		8.775 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 No X 14.50 X 1.00 X 0.50					7.250 m ³
1 No X 15.00 X 0.90 X 0.40					5.400 m ³
1 No X 16.00 X 1.00 X 0.25					4.00 m ³
1 No X 12.00 X 0.50 X 0.45					2.700 m ³
1 No X 16.40 X 1.10 X 0.80					14.432 m ³
1 No X 14.40 X 1.20 X 0.95					16.416 m ³
2 No X 30.00 X 1.10 X 0.40					26.400 m ³
1 No X 14.50 X 0.90 X 0.70					9.135 m ³
1 No X 30.00 X 0.65 X 0.40					7.800 m ³
1 No X 30.00 X 0.45 X 0.60					8.100 m ³
				Total	144.570 m ³
Item No 3 - S/F / Fining 62					
40 25 mm dia					

bamboo Pile in			
Size - - - EID			
Calculation of bamboo			
Pile			
length	width	No	
11.30	0.30	38 No	
25.50	0.30	85 No	
14.50	0.30	48 No	
30.00	0.30	100 No	
14.50	0.30	48 No	
15.00	0.30	50 No	
16.00	0.30	53 No	
12.00	0.30	40 No	
16.40	0.30	55 No	

Continuation

Abastment
Name of work - PMGSY
Nawabganj
Simlapara Road
To Brindaban
Agency Departmental
Year F.D.R Part A (2022)
Length - 10.790 KM
Item no. - Supplying of
empty cement bag
and labour - E/L
 $1326.93 - (292.06 + 144.57) = 1182.30$
@ Rs - 1717.370 / M² Rs - 203055432

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item no 2</u> Supplying of empty cement bag - - -					
- - - E/I					
$144.57 / 0.034 = 4252$					
@ Rs- 32.140 / M Rs					136656.44
<u>Item no 3</u> - S F/F/riing 62 to					
25 mm to bamboo					
Pill for size - -					
- - - E/I					
$914 \times 322 = 2941.00'$					
@ Rs- 47.58 / m ² Rs					130456.780
<u>Item no 4</u> Supplying bitting and					
fixing Bamboo Run					
- - - E/I					
$274.10 \times 4 = 1096.40$					
@ Rs- 24.71 / M ² Rs					27092.044
<u>Item no 5</u> - Supplying bitting					
and fixing in position					
Spot bamboo - - -					
- - - E/I					
$274.10 \times 2 = 548.20$					
@ Rs- 221.69 / M ² Rs					121530.458
Total Rs					2446250.076
Says Rs					24.463
G.I.T @ 12. Rs					2.936
L.C @ 1. Rs					0.245
Total -					24.643
					246.600

Continuation

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19/3/21
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